



Coos County Ductless Heat Pump Program



Webinar Instructions



Workshop Agenda

- Energize South Coast Program
- Ductless Heat Pump (DHP) Technology
- Incentives & SAVINGS
- Next Steps
- Q&A Session



Funder



Program Manager



Community Partner



**Pre-approved Local
Installer**

Energize South Coast Partners



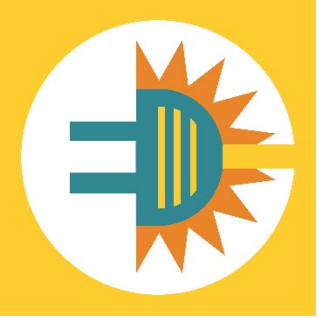
**Coos Bay
Chapter**



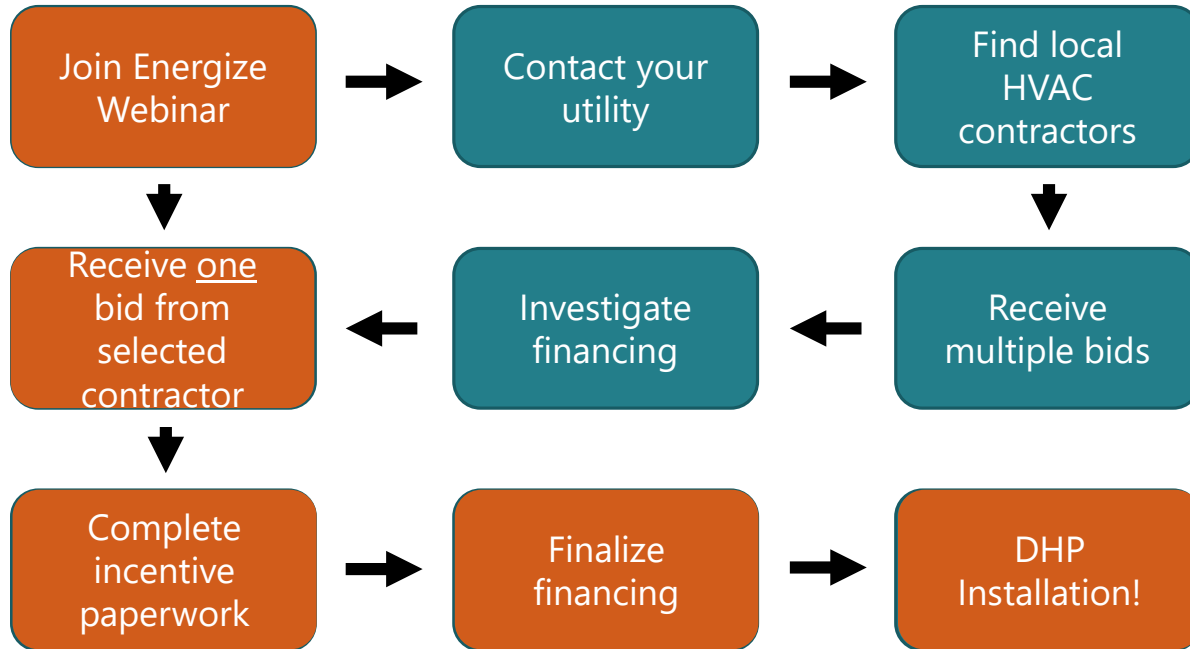
More Community Partners

About Energize South Coast





The Energize Process





Eligibility

If you are:

- A resident or business
- In Coos County*
- Attending this workshop!

Then you are:

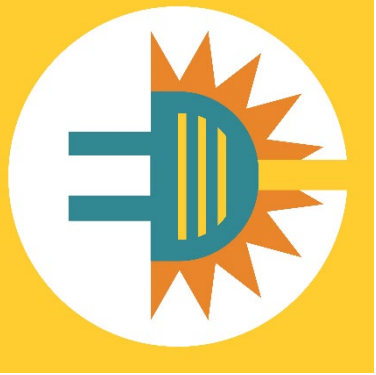
Eligible for a limited-time group discount from Pacific Air Comfort, the pre-approved installer.

Ductless Heat Pumps

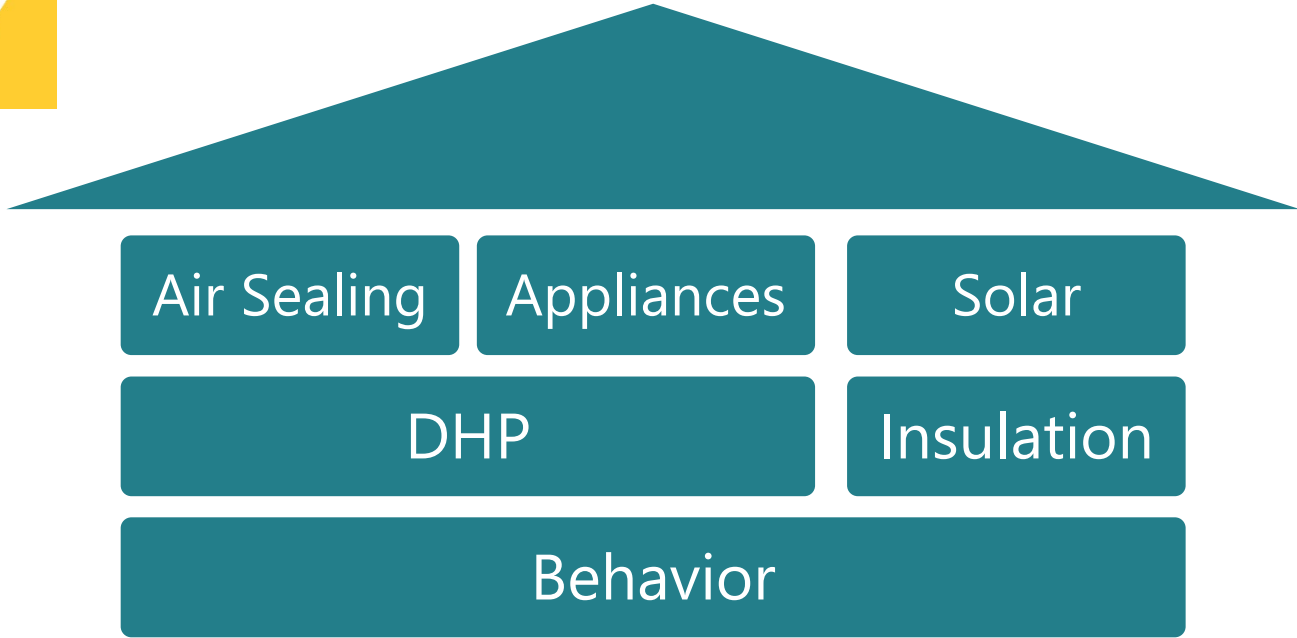
Since 2008...

- More than 150,000 DHP installations in the Pacific Northwest
- Over 2.6 MW of power avoided





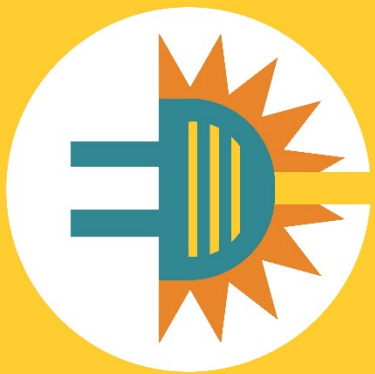
DHP is *Part* of Your Energy Solution





Banish Wasted Energy!

- Energy Assessment & Review
- Rebates and information:
 - Heating
 - Insulation
 - Lighting
 - Windows
 - Appliances
 - Showerheads



Why DHP?

Comfort

- Heating and cooling
- No on/off cycling
- Quiet

Super Efficient

- 3x more efficient than traditional heating
- No ductwork = no ducts leaking
- Heat and cool different zones

Simple

- Quick & simple installation
- Easy maintenance
- Long lasting

Electric

- Baseboard/wall/space heaters
- Forced air furnace
- Ducted heat pump

Natural Gas

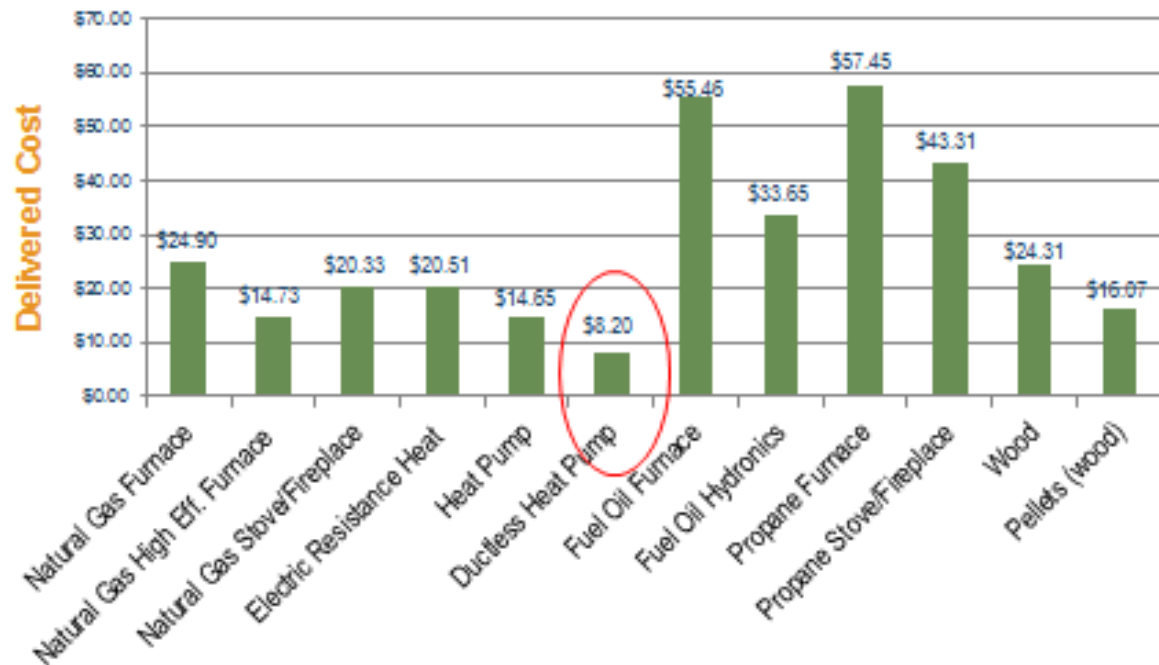
- Forced air furnace (with ductwork)
- Boiler (radiant, hydronic)

Other

- Oil furnace/boiler
- Propane furnace/boiler
- Wood/pellet stove

Types of Heating

Delivered Cost per Million BTUs



Cost of Heating

Who should get a DHP?

If you are...

- Displacing an existing heating system
- Unable to install ductwork
- Adding a room to your home
- Living in a manufactured home

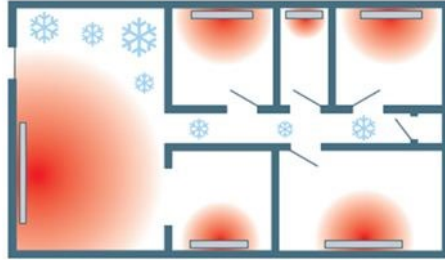
...then DHP is a great choice!





DHP Components
Indoor unit (head), outdoor unit, remote

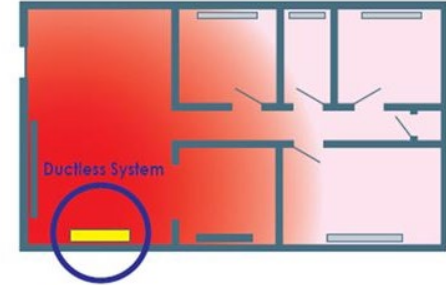
BEFORE



Baseboard heating systems create hot and cold spots.



AFTER



Ductless systems provide comfortable even heating.

How Does DHP Work?

What Size System Do I Need?

- Sized to meet your heating and cooling needs
- Lots of flexibility in system sizing and placement
- In many cases, one is enough!
 - Multizone systems are also available
 - You can keep your existing heating system around for backup
 - Ductless heat pump will provide 100% of its capacity down to 5 degrees outside





Affordable Options

- “1:1” systems are most affordable
- If upfront cost is a concern, keep existing heating to supplement
- Additional cost factors:
 - Electrical upgrades
 - Additional line

Utility incentives for ductless heat pumps



Coos-Curry Electric Cooperative, Inc.

Your Touchstone Energy® Cooperative 

\$720



\$750-\$1,300

City of Bandon

\$640-\$800



\$500-2,500



Oregon single-family home incentives for Pacific Power customers

Energy Improvement	Incentive	Requirements
Standard Incentives		
Ductless heat pump	\$500	HSPF 9.0 or greater. At least one indoor heat must serve primary living space. Incentive only available for homes replacing electric resistance heat or electric furnace as primary heat source of home. One incentive available per single-family residential structure.
Savings Within Reach		
Ductless heat pump	\$1000	Customer must qualify based on income. Incentive only available for homes replacing electric baseboard heat or electric forced air furnace as primary heat source of home. At least one indoor head must be in primary living area and does not include bedrooms or bathrooms. HSPF 9.0 or greater.

*Ductless Heat Pump Promotion eligible for greater incentives



Oregon promotional incentives for Pacific Power customers

Heat Pump Promotion for Manufactured Homes

Ductless heat pump \$2,500

HSPF 9.0 or greater. Incentive only available for homes replacing electric resistance heat or electric furnace as primary heat source of home. One incentive available per single-family residential structure.

Regional Heat Pump Promotion Site-Built Homes

Ductless heat pump \$2,000

1:1 Systems only. Indoor head must serve primary living space. Must install with participating trade allies. Must replace electric resistance heat or electric furnace as primary heat source of home.

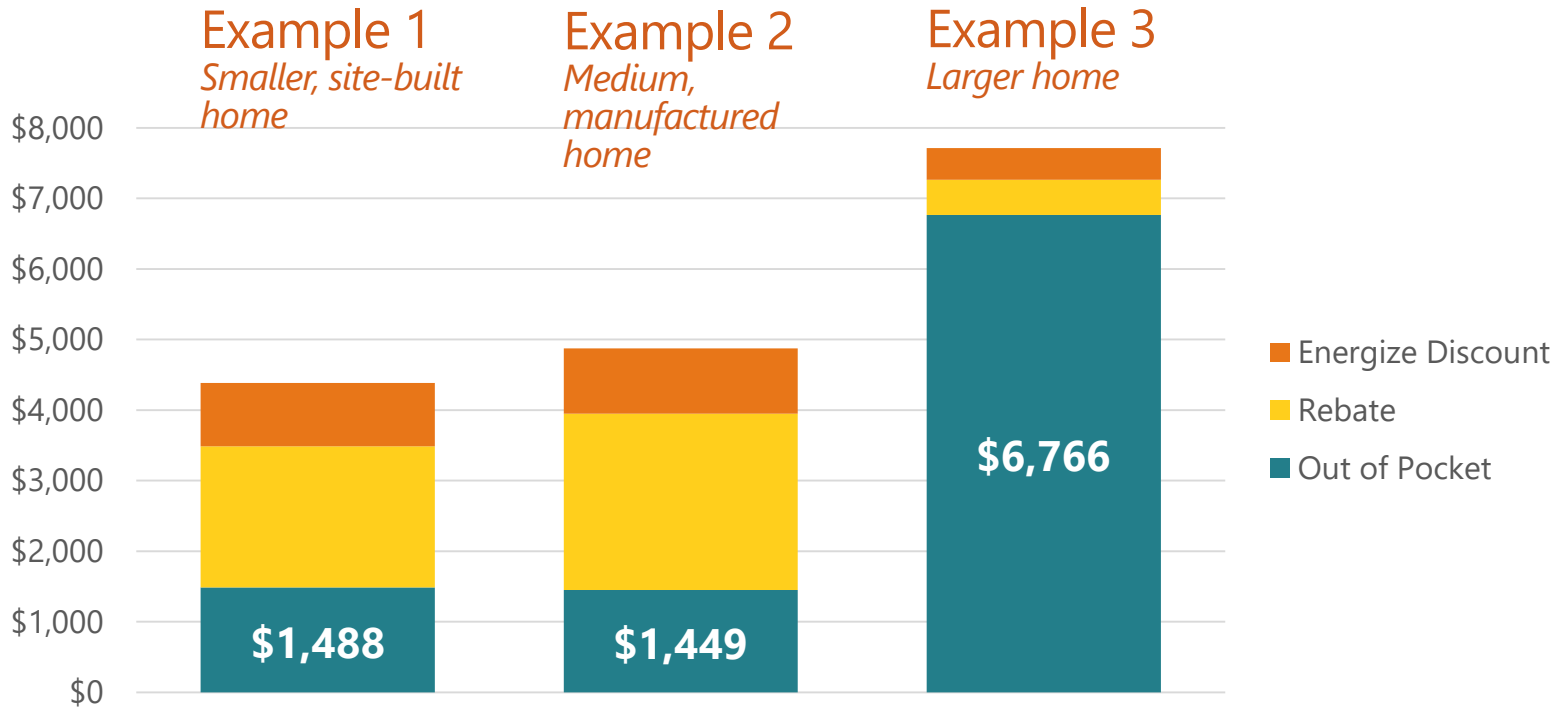
Energize Discount

= up to \$450-\$900
off regular price

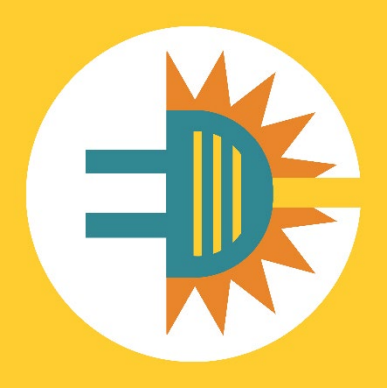
Energy Savings

≈ 50-70% of your
current electric
heating bill

Energize Program Savings

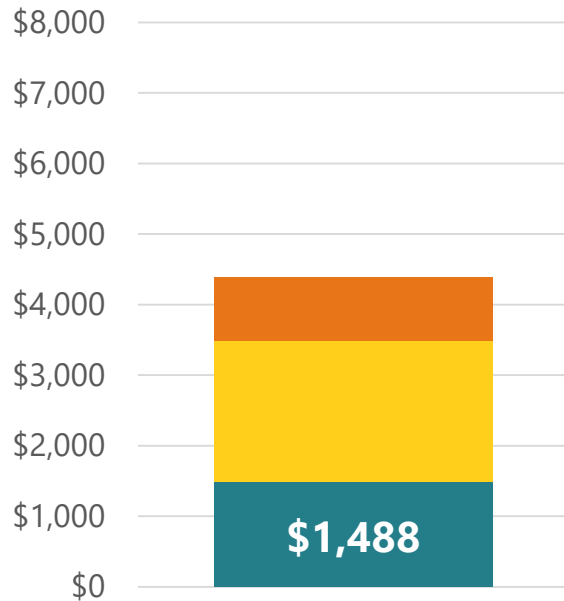


The Bottom Line

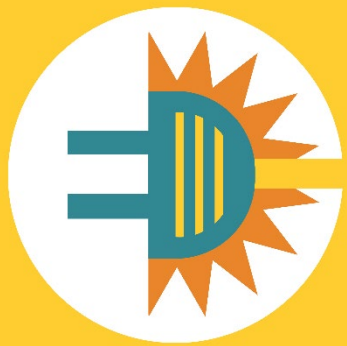


Example 1

Smaller, site-built home

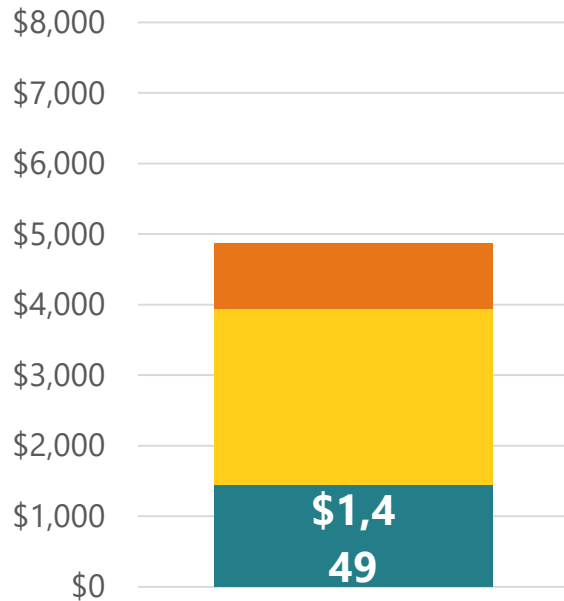


Out of Pocket	\$1,488
Annual Savings	\$300
Payback Time	5 years

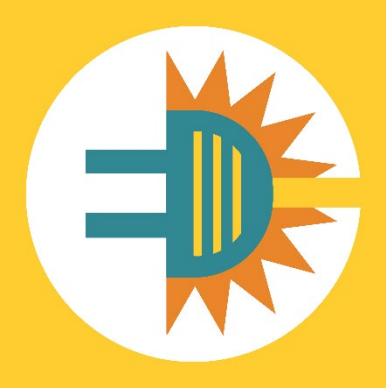


Example 2

Medium-sized, manufactured home

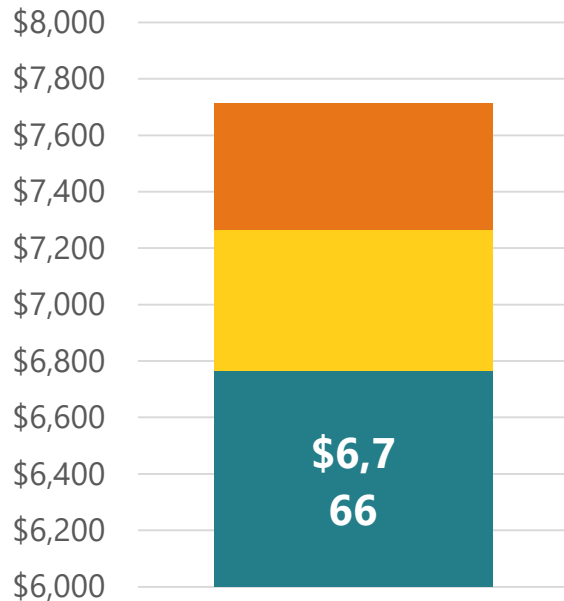


Out of Pocket	\$1,449
Annual Savings	\$350
Payback Time	4 years



Example 3

Larger home, multiple zones



Out of Pocket	\$6,766
Annual Savings	\$600
Payback Time	11.5 years

1

- Register & attend a workshop

2

- Receive your free site assessment

3

- Sign your contract

4

- Energize!

Next Steps to Energize!

After the Workshop



SCHEDULE A
SITE
ASSESSMENT



RECEIVE AN
EMAIL WITH
CONTACT INFO
AND LINKS



REVIEW THE
WEBINAR

To
schedule
a site
assessment



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For More Information



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CENTRICITY
south coast

The logo consists of the word "CENTRICITY" in a bold, teal, sans-serif font. Below it, the words "south coast" are written in a bold, orange-to-yellow gradient sans-serif font. A stylized sun with a yellow-to-orange gradient and radiating lines is positioned behind the letter "o" in "coast". A yellow arc starts from the right side of the "o" and curves upwards and to the right, ending near the top of the "t".

Q & A